Appendix II

FEMA's Potential Fire Hazard Severity Forms

The Federal Emergency Management Agency has developed a number of guides and procedures to assist communities, counties, and states with assessing risk for a variety of natural hazards, including wildfire. One approach that FEMA recommends is to assess communities using a variety of standardized evaluation criteria. The forms on the following pages detail the assessments completed for a variety of communities within Adams County using these standardized forms and their criteria.

The first evaluation completed for these communities is the **Fire Hazard Severity** determination. This form uses a variety of criteria in order to make a categorical ranking for each community. The Fire Hazard Severity Table (below) determines fire hazard severity based on the standard FEMA uses to compare (for example) Adams County, Idaho, with another county in Idaho, or any other state. Communities may have more than one classification depending on the degrees of the slope and fuel models. For example, if someone were to observe an average of five critical fire weather days per year in a given area, observe heavy fuel, and less than 40° slopes, then that community is in a high fire hazard area. If the average number of days of critical fire weather per year increases above eight, that community would be in an extreme fire hazard area. The table is subjective, but allows comparisons between communities.

Fire Hazard Severity

	Critical Fire Weather Frequency											
	<	1 Day/Ye	ar	2 to	7 Days/\	rear	>	8 Days/Ye	ear			
		Slope (%)		Slope (%)		Slope (%)			
Fuel Classification	< 40	41-60	> 61	< 40	41-60	> 61	< 40	41-60	> 61			
Light Fuel	М	М	М	М	М	М	М	М	Н			
Medium Fuel	М	М	Н	Н	Н	Н	E	Е	E			
Heavy Fuel	Н	Н	Н	Н	Е	E	Е	Е	E			

Source: Urban Wildland Interface Code: 2000

M = Moderate hazard H = High hazard E = Extreme hazard

(from FEMA's "Understanding Your Risks; identifying hazards and estimating losses", August 2001, FEMA 386-2) State and local mitigation planning how-to-guide.)

Critical Fire Weather Frequency (CFWF) is not recorded by agencies operating in the state of Idaho. Red Flag Warnings posted by the US Forest Service and other agencies is roughly analogous to the CFWF but not identical. Daily readings from weather service stations was accessed to determine a county wide ranking of 2 to 7 days per year average. In any given year, the actual number of days observed may be more or less.

Slope was determined from an interactive GIS layer by creating a polygon around a community representing the area that most likely encompasses the immediate threat area to the community from a wildfire. The average slope for that polygon was calculated along with statistics on this

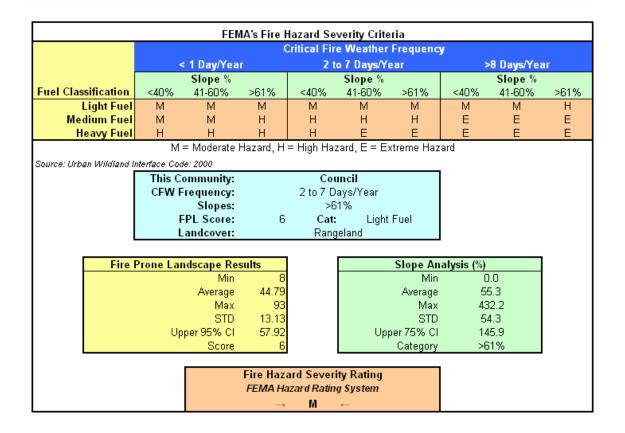
average. Using recommendations from FEMA publications, the steepest 75% of the region was used to represent the slope impact on wildfires. For this reason, the category for slope will generally appear to be steeper than observations on the ground might otherwise indicate.

Fuel classification was determined from the Fire Prone Landscapes assessment described in the Plan. This assessment created data ranked from 0 (low) to 100 (high). As was done with the slope calculation, fire prone landscapes scores were averaged for the impact area and statistics were determined for the amount of variation. The highest 95% of values were used to calculate the impact of fuels on wildland fires around communities. Resulting values were divided by 10 to create a scale from 1 to 10 for this analysis. These values (0-10) were used in combination with the ground cover (rangeland or forestland) to assign light, medium, and high categories. Light fuels were assigned to rangeland areas regardless of the Fire Prone Landscape rating. Medium fuels were forestland cover types with a Fire Prone Landscapes ranking from 0 to 5, with Heavy fuels assigned to forestlands with a score of 6 and higher.

A final classification was selected based on this information with the lowest category on the form Moderate, then to High and finally Extreme. The FEMA forms do not have a category for Low. This score was then reported on the header of the Wildfire Hazard Rating Form.

The **Wildfire Hazard Rating Form** differs from the **Fire Hazard Severity** form in that the latter describes the environmental factors potentially affecting a community or subdivision, while the former describes actual factors leading to the ability of residents and emergency service personnel to respond to the event of a wildfire. The Wildfire Hazard Rating Form is competed using subjective observations of a community. These ratings will change over time and should be updated as needed to better reflect changes in each community.

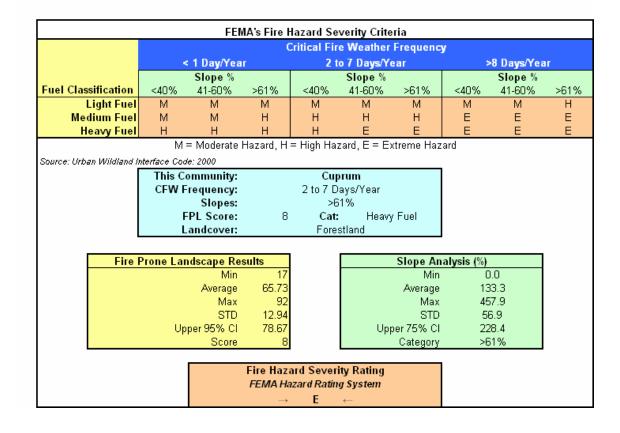
Council



Landcover: Rangeland Number of Structures: 700	Name of Community:	Cou	ncil	Date:	1-Aug-03
Overall Wildfree Hazard Ratings: Low Hazard Comments: Council is surrounded by rangeland fales and located in a meadow type of a valley floor.	Landcover:	Rangeland		Number of Structures:	700
Overall Wildfire Hazard Rating: Low Hazard Potential Fire Hazard Severity: Moderate Hazard Comments: Council is surrounded by rangeland fuels and located in a meadow type of a valley floor. Forestland fuels are present to the east of the community, but the occurrence of rangeland fires is not uncommon. While today the condition is good, efforts should be aimed at maintaining this set of conditions [Evaluator: Schosser Points A. Community Design Points I. Ingress (Egress) 1 The or more primary roads 2 One Road 3 One-way-in, one-way-out 5 2. Width of Primary roads 20 feet or less 2. Width of Primary roads Class Rated 2. Uniformall for primary roads 1 2. Width of Primary roads Class Rated 3. Accessibility Class Rated 4. Secondary Road Terminus Class C Rated Loop roads, cul-de-sacs with outside tuming radius of 45 feet 1 Cul-de-sac tumaround radius 1 is less than 45 feet 2 Dead-end roads 200 feet or less in length 3 Each grade flows or less 3 5. Average lot size 1 10 acres or larger <td>_</td> <td></td> <td>-</td> <td>namber of Strattures.</td> <td></td>	_		-	namber of Strattures.	
Comments: Council is surrounded by rangeland fuels and located in a meadow type of a valley floor.			Lowllozord	Detential Fire Hazard Coverity Mederate II	azard
Points P					azaro
Points	•		•		n. While
A. Community Design 1. Ingress / Egress Three or more primary roads 1 Two or more primary roads 2 One Road 3 One-way-in, one-way-out 5 2. Width of Primary roads 20 feet or more 1 20 feet or less 3 3. Accessibility Road grade 5% or less 1 Road grade 5% or more 3 Road grade 5% or more 5 4. Secondary Road Terminus Loop roads, cul-de-sacs with outside turning radius of 45 feet or greater 1 Cul-de-sac turnaround radius is less than 45 feet 2 Dead-end roads 20 feet or less 3 Dead-end roads 20 feet or less 3 Dead-end roads greater than 200 feet or less in length 3 Dead-end roads greater than 200 feet or less in length 3 E. Fire Protection - Water Source 50. GPM Hydrant within 1,000 1 Hydrant farther than 1,000 1 Hydrant within 1,000	today the condition is g	ood, efforts should be		g this set of conditions. Evaluator: Sch	
1. Ingress / Egress Three or more primary roads		_	Points		Points
Three or more primary roads	_	sign			
Non-combustible siding deck				•	
One Road	· ·	•	1		1
Discription Section	· ·	•			
2. Width of Primary roads					
20 feet or more1 20 feet or less3 3	Offe-way-iff, of	ie-way-out5		> 30 % 10	
20 feet or more1 20 feet or less3 3	2 Width of Primary ro	nade		D. Roofing Material	
3. Accessibility Road grade 5% or less	•				
Class C Rated			3		3
3. Accessibility Road grade 5% or less1 Road grade 5% or more3 Road grade 10% or more5 4. Secondary Road Terminus Loop roads, cul-de-sacs with outside turning radius of 45 feet or less in length3 Dead-end roads 200 feet or less in length3 Dead-end roads 200 feet or less in length3 Dead-end roads greater than 200 feet long5 5. Average lot size 10 acres or larger1 ≥ 1 acre10 acres3 ≤ 1 acre5 6. Street Signs Signs with names and numbers1 Signs with names present2 No Street Signs5 B. Vegetation 1. Fire Prone Landscape Rating 1 - 10 scale 1-10 2. Defensible Space 70% or more of site1 ≥ 3 30%, ≤ 70%3 ≤ 3 30% of site5 To signs Moderate Hazard 45-65 High Hazard 66-79	2011	cct or 10000			
Road grade 5% or less	3. Accessibility				
Road grade 10% or more	_	5% or less1	1	ŭ	
Road grade 10% or more	Road grade 5	% or more3		E. Fire Protection - Water Source	
4. Secondary Road Terminus Loop roads, cul-de-sacs with outside turning radius of 45 feet or greater1 Cul-de-sac turnaround radius is less than 45 feet2 Dead-end roads 200 feet or less in length3 Dead-end roads greater than 200 feet long5 Average lot size 10 acres or larger1 ≥ 1 acre5 Signs with names and numbers1 Signs with names present2 No Street Signs Signs with names present2 No Street Signs Signs with names present2 No Street Signs 1. Fire Prone Landscape Rating 1 - 10 scale 1-10 2. Defensible Space Total Score For Community Total Scale Moderate Hazard 45-65 High Hazard 66-79	_			500 GPM Hydrant within 1.000'1	1
A. Secondary Road Terminus					
Dead-end roads 200 feet or less in length3 Dead-end roads 200 feet or less in length3 Dead-end roads greater than 20 feet long5 The protection services	4. Secondary Road Te	erminus		•	
Or greater Mater source farther than 20 minutes, but less than 45 minutes Water source farther than 20 minutes, but less than 45 minutes Dead-end roads 200 feet or less in length 2 Water source farther than 45 minutes Dead-end roads 200 feet or less in length 10 scres or length 10 scres or larger Than 200 feet long 5 F. Existing Building Construction Materials Non-combustible siding/deck 10 scres or larger 10 scres or larger 10 acres or larger 11 combustable deck 5 5 Combustible siding and deck 10 5 Street Signs All underground utilities 1 Signs with names and numbers 1 One underground, one above ground 3 Signs with names present 2 2 No Street Signs 5 Good Rural Department Coverage 1 Limited Rural Department Coverage 5 No Rural Department Coverage 5 No Rural Department Coverage 5 No Rural Department Coverage 1 1 > 30%, ≤ 70% 3 3 1 Rating Scale Moderate Hazard Moderate Hazard Moderate Hazard Moderate Hazard Mod	Loop roads, cul-de	-sacs with		Water Source within 20 minutes or	
Cul-de-sac turnaround radius is less than 45 feet	outside turning radius	of 45 feet		less, round trip5	
is less than 45 feet		•			
Dead-end roads 200 feet or less in length3 Dead-end roads greater than 200 feet long5 S. Average lot size					
Less in length3 Dead-end roads greater than 200 feet long5 Non-combustible siding BUT a combustable deck1 Non-combustible siding BUT a combustable deck			2		
Dead-end roads greater than 200 feet long				minutes round trip10	
than 200 feet long		•		F. Frieden British & Construction M	_4!_
Non-combustible siding BUT a combustable deck		•			ateriais
5. Average lot size 10 acres or larger1 ≥ 1 acre, < 10 acres3 ≤ 1 acre5 5. Combustible siding and deck10 6. Street Signs Signs with names and numbers1 Signs with names present2 No Street Signs5 B. Vegetation 1. Fire Prone Landscape Rating 1 - 10 scale1-10 2. Defensible Space 70% or more of site1 ≥ 30%, ≤ 70%3 ≤ 30% of site5 BUT a combustable deck5 Combustible siding and deck10 Combustible siding and deck10 Fire Prone utilities1 One underground, one above ground3 All above ground5 Fire Protection Services Good Rural Department Coverage1 Limited Rural Department Coverage1 No Rural Department Coverage10 Total Score For Community 37 Rating Scale Moderate Hazard 45-65 High Hazard 66-79	than 20	0 feet long5			
10 acres or larger1 ≥ 1 acre, < 10 acres3 ≤ 1 acre5 5	E. Averege let size			9	
≥ 1 acre, < 10 acres3	_	e or larger 1			
≤ 1 acre5 5 G. Utilities 6. Street Signs All underground utilities1 Signs with names and numbers1 All above ground		•		Combustible sluing and deck 10	
All underground utilities1 6. Street Signs Signs with names and numbers1 Signs with names present2 No Street Signs5 B. Vegetation 1. Fire Prone Landscape Rating 1 - 10 scale 1-10 2. Defensible Space 70% or more of site1 ≥ 30%, ≤ 70%3 ≤ 30% of site5 All underground, one above ground3 All above ground3 All above ground5 Fire Protection Services Good Rural Department Coverage1 1 Limited Rural Department Coverage10 Total Score For Community Rating Scale Moderate Hazard 45-65 High Hazard 66-79	- 1 4616,			G Utilities	
6. Street Signs One underground, one above ground3 Signs with names and numbers1 All above ground5 Signs with names present2 2 No Street Signs5 H. Fire Protection Services Good Rural Department Coverage1 1 Limited Rural Department Coverage5 No Rural Department Coverage10 No Rural Department Coverage1 Total Score For Community 37 Rating Scale Moderate Hazard 45-65 High Hazard 66-79		= 1 dele0			
Signs with names and numbers1 All above ground5 5 Signs with names present2 2 No Street Signs5 H. Fire Protection Services Good Rural Department Coverage1 1 Limited Rural Department Coverage5 No Rural Department Coverage10 1. Fire Prone Landscape Rating 1 - 10 scale 1-10 6 2. Defensible Space 70% or more of site1 1 2. Defensible Space 70% or more of site	6. Street Signs				
Signs with names present	_	d numbers1			5
B. Vegetation 1. Fire Prone Landscape Rating	_		2	, and the second	
B. Vegetation Limited Rural Department Coverage5 1. Fire Prone Landscape Rating 1 - 10 scale 1-10 6 2. Defensible Space 70% or more of site 1 ≥ 30%, ≤ 70% 3 ≤ 30% of site 5 1 Rating Scale Moderate Hazard High Hazard 66-79				H. Fire Protection Services	
1. Fire Prone Landscape Rating		•		Good Rural Department Coverage1	1
1. Fire Prone Landscape Rating	B. Vegetation			Limited Rural Department Coverage5	
1 - 10 scale 1-10		ape Rating		No Rural Department Coverage10	
70% or more of site1 1 ≥ 30%, ≤ 70%3			6		
70% or more of site1 1 ≥ 30%, ≤ 70%3					
≥ 30%, ≤ 70%3				lotal Score For Community	37
≤ 30% of site5 High Hazard 66-79			1		15.55
		•			
	≤ 3	1076 OF SILE5		· · · · · · · · · · · · · · · · · · ·	

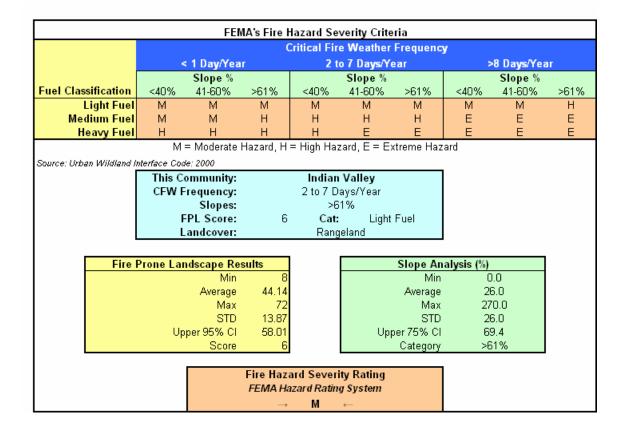
 $Source: \textit{Urban Wildland Interface Code 2000, FEMA, version 1.0 August 2001 with modification by \textit{Northwest Management, Inc.} \\$

Cuprum



Name of Community:	Cup	rum		Date:_	1-Aug-03
Landcover: F	orestland			Number of Structures:	25
WUI Condition: Rura	al Condition	_		_	
Overall Wildfire H		· High Hazard	Potential Fire Hazar	d Severity: Extreme Haza	rd
		•		l egress improvements. So itu overinabilitu. Structuras	
improvement in building materi		rior decks and sidin			
in need of defensible space ma	anagement.	Points		Evaluator: Erixs	Points
A. Community Design		romis	C. Topography		Folias
1. Ingress / Egress			Predominant Slope		
Three or more primary roa	ads1		1: 1 readminant crope	≤ 8%1	
Two or more primary ro		2	>	- 8% ≤ 20%4	
	oad3		>		
One-way-in, one-way-	out5			> 30%10	10
2. Width of Primary roads			D. Roofing Materia		
20 feet or m				ss A Rated1	
20 feet or l	ess3	3		ss B Rated3	3
3 . 0 : In 112				ass C Rated5	
3. Accessibility Road grade 5% or le	occ 1	1	Non-Rated Root	ing material10	
-		<u>'</u>	E. Fire Protection	Water Caures	
Road grade 5% or m					
Road grade 10% or m	ore5		500 GPM Hydrant v		
4 Casandami Dand Tamainin	_		Hydrant farther th	an 1,000 or draft site2	
4. Secondary Road Terminus Loop roads, cul-de-sacs v			Water Source within 20		
outside turning radius of 45 t				s, round trip5	5
_	ater1		Water source far		
Cul-de-sac turnaround rac			minutes, but less than		
is less than 45 t			Water source far	_	
Dead-end roads 200 fee				es round trip10	
less in len		3			
Dead-end roads grea	-		F. Existing Buildin	g Construction Mate	erials
than 200 feet l			Non-combustible	-	
	9		Non-combu:		
5. Average lot size				stable deck5	
10 acres or lar	rger1		Combustible sidir	ng and deck10	10
≥ 1 acre, < 10 ac	res3				
≤ 1 a	cre5	5	G. Utilities		
			All undergro	und utilities1	
6. Street Signs			One underground, one al		
Signs with names and numb			All al	bove ground5	5
Signs with names pres					
No Street Si	gns5	5	H. Fire Protection		
			Good Rural Departme		
B. Vegetation			Limited Rural Departme		
 Fire Prone Landscape Rat 			No Rural Departme	nt Coverage10	10
1 - 10 sc	cale 1-10	8			
2. Defensible Space			Total Score For Co	ommunity	75
70% or more of	cito 1		- Star Score For Ct	- Initiality	10
70% of More of s ≥ 30%, ≤ 7			Rating Scale	Moderate Hazard	45-65
≥ 30 %, ≤ 7 ≤ 30 % of s		5	reading Scale	High Hazard	66-79
2 33 70 01 .				Extreme Hazard	80+
Source: Urban Wildland Interface C	ode 2000, FEMA	, version 1.0 August 200	11 with modification by Northw		

Indian Valley



Name of Community: Indian	Valley	Date:	1-Aug-03
Landcover: Rangeland		Number of Structures:	
WUI Condition: Rural Condition	_	Number of Structures.	100
Overall Wildfire Hazard Rating	u Law Hazard	Potential Fire Hazard Severity: Moderate H	ozord
		n a large valley bottom surrounded by hazardous	
		s available as a water supply when needed. Hom	
space is needed, as is some rangeland fuels		Evaluator: Sch	losser
A Community Design	Points	C Tanagraphy	Points
A. Community Design		C. Topography 1. Predominant Slope	
Ingress / Egress Three or more primary roads1	1	i. Predominant Slope ≤ 8%1	
Two or more primary roads2	1	> 8% ≤ 20%4	4
One Road3		> 20% ≤ 30%7	
One-way-in, one-way-out5		> 30%10	
2. Width of Primary roads		D. Roofing Material	
20 feet or more1	1	Class A Rated1	
20 feet or less3		Class B Rated3	3
		Class C Rated5	
3. Accessibility		Non-Rated Roofing material10	
Road grade 5% or less1	1		
Road grade 5% or more3		E. Fire Protection - Water Source	
Road grade 10% or more5		500 GPM Hydrant within 1,000'1	
		Hydrant farther than 1,000' or	
Secondary Road Terminus		draft site2	
Loop roads, cul-de-sacs with		Water Source within 20 minutes or	5
outside turning radius of 45 feet or greater1		less, round trip5 Water source farther than 20	
Cul-de-sac turnaround radius		minutes, but less than 45 minutes7	
is less than 45 feet2		Water source farther than 45	
Dead-end roads 200 feet or		minutes round trip10	
less in length3	3		
Dead-end roads greater		F. Existing Building Construction Ma	aterials
than 200 feet long5		Non-combustible siding/deck1	
ŭ		Non-combustible siding	
Average lot size		BUT a combustable deck5	5
10 acres or larger1	1	Combustible siding and deck10	
≥ 1 acre, < 10 acres3			
≤ 1 acre5		G. Utilities	
0.01.10.		All underground utilities1	
6. Street Signs	_	One underground, one above ground3	5
Signs with names and numbers1 Signs with names present2	1	All above ground5	
No Street Signs5		H. Fire Protection Services	
No Street Signs5		Good Rural Department Coverage1	1
B. Vegetation		Limited Rural Department Coverage5	
Fire Prone Landscape Rating		No Rural Department Coverage10	
1 - 10 scale 1-10	6	No Rulai Department Goverage 10	
2. Defensible Space		Total Score For Community	40
70% or more of site1			
≥ 30%, ≤ 70%3	3	Rating Scale Moderate Hazard	
≤ 30% of site5		High Hazard	
		Extreme Hazard	80+

 $Source: \textit{Urban Wildland Interface Code 2000, FEMA, version 1.0 August 2001 with modification by \textit{Northwest Management, Inc.} \\$

Meadow Creek Subdivision

	FEM/	's Fire H	azard Se	everity Cri	iteria						
		Critical Fire Weather Frequency									
	< 1 Day/Ye	ear	2 to	7 Days/Y	ear	>	B Days/Ye	ar			
Fuel	Slope %			Slope %			Slope %				
Classification	<40% 41-60%	>61%	<40%	41-60%	>61%	<40%	41-60%	>61%			
Light Fuel	M M	М	М	М	М	М	M	Н			
Medium Fuel	M M	Н	Н	Н	Н	E	Е	Е			
Heavy Fuel	н н	Н	Н	Е	Е	Е	Е	Е			
	M = Moderate H	azard, H =	: High Ha	zard, E =	Extreme	Hazard					
Source: Urban Wildlar	nd Interface Code: 200	00				_					
	This Community:	Mead	low Cree	ek Subdiv	ision						
	CFW Frequency:		2 to 7 D	ays/Year							
	Slopes:			1%							
	FPL Score:	6		,	Fuel						
	Landcover:		Fore	stland							
Fire Pro	one Landscape F	lesults		9	Slope An	alysis (%	6)				
	Min	11			Min	0).0				
	Average	36.42			Average	25	5.9				
	Max				Max		0.9				
	STD				STD		5.0				
	Upper 95% CI				r 75% CI		9.4				
	Score	6			Category	>6	61%				
						ı					
				rity Rating	-						
		FEMA Ha		ng System							
		\rightarrow	E	\leftarrow							

Name of Community: Meadow	/ Creek Subdivision		Date: 1-Aug-03
Landcover: Forestlan	nq	Number of Stru	ıctures: 180
WUI Condition: Intermix Con			
Overall Wildfire Hazard F		Potential Fire Hazard Severity: Ext	rome Hazard
		pation treatments over the past few years ant to maintain these treatments in the fi	
materials are a source of risk which ca			Schlosser & Belnap
materials are a source of risk which ca	Points	a siding materials). Evaluator: 3	Points
A. Community Design	1 omto	C. Topography	1 omes
1. Ingress / Egress		1. Predominant Slope	
Three or more primary roads	.11	≤8%	.1
Two or more primary roads	2	> 8% ≤ 20%	
One Road	3	> 20% ≤ 30%	
One-way-in, one-way-out	5	> 30%	.10
2. Width of Primary roads		D. Roofing Material	
20 feet or more	1 1	Class A Rated	1
20 feet or less		Class B Rated	
20 1001 01 1000		Class C Rated	
3. Accessibility		Non-Rated Roofing material	
Road grade 5% or less	1	· ·	
Road grade 5% or more	3 3	E. Fire Protection - Water Sou	rce
Road grade 10% or more		500 GPM Hydrant within 1,000'	.1 1
ű		Hydrant farther than 1,000' or	
4. Secondary Road Terminus		draft site	.2
Loop roads, cul-de-sacs with		Water Source within 20 minutes or	
outside turning radius of 45 feet		less, round trip	.5
or greater	.1	Water source farther than 20	_
Cul-de-sac turnaround radius		minutes, but less than 45 minutes	./
is less than 45 feet		Water source farther than 45	40
Dead-end roads 200 feet or	2	minutes round trip	.10
less in length	J	E Eviating Building Construct	tion Motoriala
Dead-end roads greater		F. Existing Building Construct	
than 200 feet long	5 <u> </u>	Non-combustible siding/deck Non-combustible siding	.1
5. Average lot size		BUT a combustable deck	.5 5
10 acres or larger	1	Combustible siding and deck	
≥ 1 acre, < 10 acres		compactible claing and dook	
≤ 1 acre		G. Utilities	
_ 1 4515		All underground utilities	.1 1
6. Street Signs		One underground, one above ground	
Signs with names and numbers		All above ground	
Signs with names present	2		
No Street Signs	5	H. Fire Protection Services	
		Good Rural Department Coverage	.1 1
B. Vegetation		Limited Rural Department Coverage	.5
Fire Prone Landscape Rating		No Rural Department Coverage	
1 - 10 scale	1-10 6		
2. Defensible Space		Total Score For Community	40
70% or more of site	1 1	. otal occion of community	40
70% or more of site ≥ 30%, ≤ 70%		Rating Scale Moderate	Hazard 45-65
≤ 30%, ≤ 70% ≤ 30% of site			Hazard 66-79
_ 20 /0 0/ 0//0		Extreme	
Source: Urban Wildland Interface Code 2000	, FEMA, version 1.0 August 200	1 with modification by Northwest Management,	

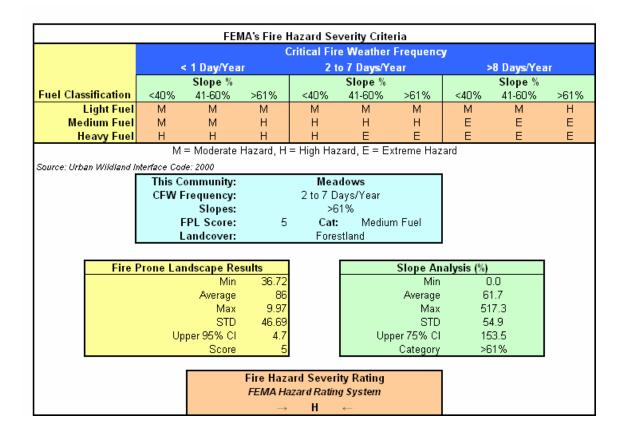
Highlands above Meadow Creek, Little Salmon Estates, Granite View Estates

		FEMA'	s Fire Ha	azard Se	everity Cri	teria				
	Critical Fire Weather Frequency									
	<	1 Day/Yea	ar	2 to	7 Days/Y	ear	>	B Days/Ye	ar	
Fuel		Slope %			Slope %			Slope %		
Classification	<40%	41-60%	>61%	<40%	41-60%	>61%	<40%	41-60%	>61%	
Light Fuel		M	M	М	M	M	M	M	Н	
Medium Fuel		M	Н	Н	Н	Н	E	Е	Е	
Heavy Fuel		Н	Н	Н	Е	E	Е	Е	Е	
	M = Moderate Hazard, H = High Hazard, E = Extreme Hazard									
Source: Urban Wildlai	nd Interface	Code: 2000)							
		nmunity:	V	arious S	ubdivisions	:				
	CFW Fre	equency:			ays/Year					
		Slopes:			1%	_				
		L Score:	6	Cat:		Fuel				
	La	ndcover:		Fore	stland					
Fire Pr	one Land	dscape Re			S		alysis (%			
		Min	11			Min		1.0		
		Average	36.42			Average		5.9		
		Max	83			Max		0.9		
		STD	11.05			STD		6.0		
	Uppe	er 95% CI	58.1			r 75% CI		3.4		
		Score	6		(Category	>6	1%		
		Г.	es Uses	ad Carre	ola Dodino	_	ı			
					rity Rating					
		F	EIVIA Haz		ng System					
			\rightarrow	E	\leftarrow					

Name of Community: <u>Highlands above Mea</u>	dow Creek, Little Salı	mon Estates, Granite View Estates Date:	1-Aug-03
Landcover: Forestland		Number of Structures:	175
WUI Condition: Intermix Condition	_		
Overall Wildfire Hazard Rating	· Moderate Hazard	Potential Fire Hazard Severity: Extreme Ha	rard
		pace to improve conditions and reduce risk. Stru	
		<u> </u>	
		siding, and deck materials to non-flammable ma	
Interface from BOISE CASCADE lands is go	od. Points	Evaluator: Schlosse	er & Belnap
A. Cammunita Design	Points	C. Tanagranhy	Points
A. Community Design 1. Ingress / Egress		C. Topography 1. Predominant Slope	
Three or more primary roads1		i. Predominant Slope ≤ 8%1	
Two or more primary roads2		> 8% ≤ 20%4	4
One Road3		> 20% ≤ 30%7	·-
One-way-in, one-way-out5		> 30%10	
, . ,			
2. Width of Primary roads		D. Roofing Material	
20 feet or more1		Class A Rated1	
20 feet or less3	3	Class B Rated3	
		Class C Rated5	5
3. Accessibility		Non-Rated Roofing material10	
Road grade 5% or less1			
Road grade 5% or more3	3	E. Fire Protection - Water Source	
Road grade 10% or more5		500 GPM Hydrant within 1,000'1	
		Hydrant farther than 1,000' or	
4. Secondary Road Terminus		draft site2	2
Loop roads, cul-de-sacs with outside turning radius of 45 feet		Water Source within 20 minutes or less, round trip5	
outside turning radius of 45 leet or greater1		Water source farther than 20	
Cul-de-sac turnaround radius		minutes, but less than 45 minutes7	
is less than 45 feet2		Water source farther than 45	
Dead-end roads 200 feet or		minutes round trip10	
less in length3	3	•	
Dead-end roads greater		F. Existing Building Construction M	aterials
than 200 feet long5		Non-combustible siding/deck1	
· ·		Non-combustible siding	
5. Average lot size		BUT a combustable deck5	5
10 acres or larger1		Combustible siding and deck10	
≥ 1 acre, < 10 acres3			
≤ 1 acre5	5	G. Utilities	
0.00		All underground utilities1	
6. Street Signs		One underground, one above ground3	5
Signs with names and numbers1 Signs with names present2		All above ground5	
No Street Signs5		H. Fire Protection Services	
No otteet olgilso		Good Rural Department Coverage1	1
B. Vegetation		Limited Rural Department Coverage5	
Fire Prone Landscape Rating		No Rural Department Coverage10	
1 - 10 scale 1-10	6	No Rural Department Coverage10	
2. Defensible Space		Total Score For Community	51
70% or more of site1			
≥ 30%, ≤ 70%3		Rating Scale Moderate Hazard	45-65
≤ 30% of site5	5	High Hazard	66-79
		Extreme Hazard	80+

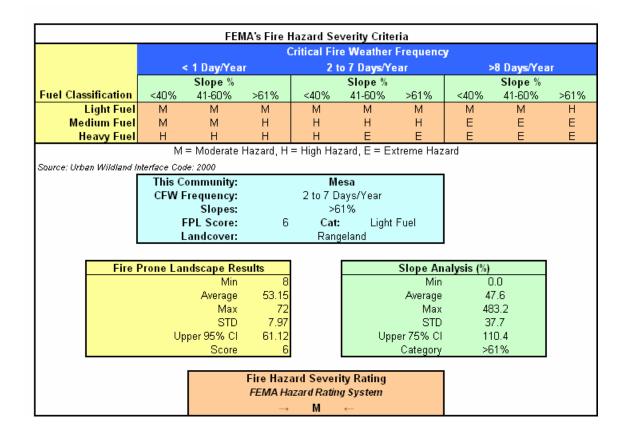
Source: Urban Wildland Interface Code 2000, FEMA, version 1.0 August 2001 with modification by Northwest Management, Inc.

Meadows



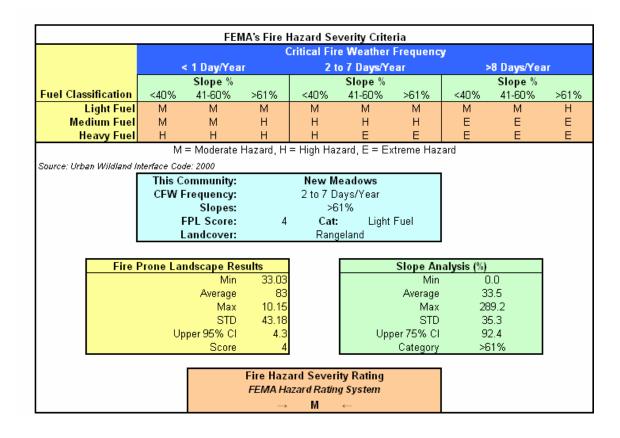
Name of Community: Mea	dows	Date:	1-Aug-03
Landcover: Forestland		Number of Structures:	
	_	Number of Structures.	
WUI Condition: Interface Condition			
Overall Wildfire Hazard Rating	: Moderate Hazard	Potential Fire Hazard Severity: High Hazar	d
•	_	ffire. Livestock grazing, ranching, and farming all	
to controlled wildland fuels. Access is excel	lent and rural fire prot	ection is closeby. Structures along the edges sh	nould
improve structure factors.		Evaluator: Sch	nlosser
	Points		Points
A. Community Design		C. Topography	
1. Ingress / Egress		1. Predominant Slope	
Three or more primary roads1	2	≤ 8%1 > 8% ≤ 20%4	4
Two or more primary roads2 One Road3		> 6% ≤ 20%4 > 20% ≤ 30%7	4
One-way-in, one-way-out5		> 30%10	
,,,			
2. Width of Primary roads		D. Roofing Material	
20 feet or more1	1	Class A Rated1	
20 feet or less3		Class B Rated3	
		Class C Rated5	5
Accessibility		Non-Rated Roofing material10	
Road grade 5% or less1	1		
Road grade 5% or more3		E. Fire Protection - Water Source	
Road grade 10% or more5		500 GPM Hydrant within 1,000'1	
4 Consider Dond Tominus		Hydrant farther than 1,000' or draft site2	2
Secondary Road Terminus Loop roads, cul-de-sacs with		Water Source within 20 minutes or	2
outside turning radius of 45 feet		less, round trip5	
or greater1		Water source farther than 20	
Cul-de-sac turnaround radius		minutes, but less than 45 minutes7	
is less than 45 feet2		Water source farther than 45	
Dead-end roads 200 feet or		minutes round trip10	
less in length3	3		
Dead-end roads greater		F. Existing Building Construction Ma	aterials
than 200 feet long5		Non-combustible siding/deck1	
F. Australia Int.		Non-combustible siding	-
Average lot size 10 acres or larger1		BUT a combustable deck5 Combustible siding and deck10	5
≥ 1 acre, < 10 acres3		Combustible siding and deck 10	
≤ 1 acre5	5	G. Utilities	
		All underground utilities1	
6. Street Signs		One underground, one above ground3	
Signs with names and numbers1		All above ground5	5
Signs with names present2	2		
No Street Signs5		H. Fire Protection Services	
		Good Rural Department Coverage1	1
B. Vegetation		Limited Rural Department Coverage5	
Fire Prone Landscape Rating		No Rural Department Coverage10	
1 - 10 scale 1-10	5		
2. Defensible Space		Total Score For Community	46
70% or more of site1		Total ocole i of community	40
≥ 30%, ≤ 70%3		Rating Scale Moderate Hazard	45-65
≤ 30% of site5	5	High Hazard	
		Extreme Hazard	

Mesa



Name of Community:M	lesa	Date	e: 1-Aug-03
Landcover: Rangeland		Number of Structures	s: 50
WUI Condition: Rural Condition			
Overall Wildfire Hazard Ratin	g: Low Hazard	Potential Fire Hazard Severity: Moderate	Hazard
Comments: This rangeland and	farming community is	located where rangeland fuels and conditions le	ad to a high
chance of rangefires. Farming and ranching	g help to ameloriate th	ne problem but all home owners should maintain	a green
buffer around structures and access of 120	or more, or mitigation	n fuels buildup. Evaluator: So	hlosser
	Points		Points
A. Community Design		C. Topography	
1. Ingress / Egress		Predominant Slope	
Three or more primary roads1	1	≤ 8%1 > 8% ≤ 20%4	4
Two or more primary roads2 One Road3		> 0% ≤ 20%4 > 20% ≤ 30%7	4
One-way-in, one-way-out5		> 30%10	
one may m, one may car mine			
2. Width of Primary roads		D. Roofing Material	
20 feet or more1	1	Class A Rated1	
20 feet or less3		Class B Rated3	3
		Class C Rated5	
3. Accessibility		Non-Rated Roofing material10	
Road grade 5% or less1		E. Fire Protection - Water Source	
Road grade 5% or more3	3		
Road grade 10% or more5		500 GPM Hydrant within 1,000'1 Hydrant farther than 1,000' or	
4. Secondary Road Terminus		draft site2	
Loop roads, cul-de-sacs with		Water Source within 20 minutes or	
outside turning radius of 45 feet		less, round trip5	5
or greater1		Water source farther than 20	
Cul-de-sac turnaround radius		minutes, but less than 45 minutes7	
is less than 45 feet2		Water source farther than 45	
Dead-end roads 200 feet or	_	minutes round trip10	
less in length3	3		
Dead-end roads greater		F. Existing Building Construction M	ateriais
than 200 feet long5		Non-combustible siding/deck1	
5. Average lot size		Non-combustible siding BUT a combustable deck5	5
10 acres or larger1	1	Combustible siding and deck10	
≥ 1 acre, < 10 acres3	<u>-</u>	compactible claims and accit	
≤ 1 acre5		G. Utilities	
		All underground utilities1	
Street Signs		One underground, one above ground3	
Signs with names and numbers1		All above ground5	5
Signs with names present2	2		
No Street Signs5		H. Fire Protection Services	
D. Vanadatian		Good Rural Department Coverage1	1
B. Vegetation		Limited Rural Department Coverage5	
Fire Prone Landscape Rating 1 - 10 scale 1-10	6	No Rural Department Coverage10	
1 - 10 Scale 1-10	U		
2. Defensible Space		Total Score For Community	43
70% or more of site1		-	
≥ 30%, ≤ 70%3	3	Rating Scale Moderate Hazar	d 45-65
≤ 30% of site5		High Hazar	d 66-79
		Extreme Hazar	d 80+

New Meadows



Name of Community: New I	Meadows	Date:	1-Aug-03
Landcover: Rangeland		Number of Structures:	325
WUI Condition: Interface	e Condition		
Landcover: Rangeland Wull Condition: Interface Condition		Hazard	
Comments: This community ha	s excellent rural and	d wildland fire protection, ingress and egress are (exceptional,
•			
wantan vvoi protection alter implementati		CHOIT III THIS GLEA.	Points
A. Community Design		C. Topography	
Three or more primary roads1	1		1
One-way-in, one-way-out5		> 30%10	
2 Width of Primary roads		D. Roofing Material	
	1		
	<u>'</u>		3
20 1001 01 1000			
3. Accessibility			
,	1	· ·	
-		E. Fire Protection - Water Source	
-		500 GPM Hydrant within 1,000'1	1
3			
4. Secondary Road Terminus			
Loop roads, cul-de-sacs with		Water Source within 20 minutes or	
outside turning radius of 45 feet		less, round trip5	
	1		
		minutes round trip1U	
· ·		E Estation Delibition Compton than I	
			/laterials
than 200 feet long5			
E. Augraga lat aire		<u> </u>	
	3	Combastible staing and deck	
		G. Utilities	
_ / 40/00			
6. Street Signs			
	1		5
		•	
No Street Signs5		H. Fire Protection Services	
		Good Rural Department Coverage1	1
B. Vegetation		Limited Rural Department Coverage5	
Fire Prone Landscape Rating			
1 - 10 scale 1-10	4		
0.04 31.0		Tatal Ocean For Comments	64
•		lotal Score For Community	31
		Data Cala	45.05
	3		
≤ 30% of site5		High Hazard Extreme Hazard	
O 1424 - 1424 - 1414 -		Extreme nazaru	- UUT

Round Valley Community

		FEM	MA's Fire H	lazard Se	verity Crite	ria				
Critical Fire Weather Frequency										
	<	1 Day/Yea	r	2 t	o 7 Days/Ye	ear	;	>8 Days/Yea		
		Slope %			Slope %			Slope %		
Fuel Classification	<40%	41-60%	>61%	<40%	41-60%	>61%	<40%	41-60%	>61%	
Light Fuel	М	M	M	M	M	M	M	M	H	
Medium Fuel	M	M	Н	Н	H	H	E	E	E	
Heavy Fuel	Н	Н	Н	Н	E	Е	Е	E	E	
	M =	= Moderate I	Hazard, H	= High Ha:	zard, E = Ex	treme Haz	ard			
Source: Urban Wildland II	nterface Code	e: 2000								
	This Co	mmunity:	Ro	und Valle	y Commun	ity				
	CFW F	requency:		2 to 7 D	ays/Year					
		Slopes:		>6	1%					
	F	PL Score:	4	Cat:	Mediur	n Fuel				
	L	andcover:		Fore	stland					
Fire	Prone Lan	dscape Res	sults			Slope An	alysis (%)			
		Min	9			Min		1.0		
		Average	35.15			Average	73	2.0		
		Max	91			Max	39	5.3		
		STD	5.27			STD	54	4.9		
	Upp	oer 95% CI	40.4		Upp	er 75% CI	16	3.6		
		Score	4			Category	>6	61%		
			Fire Haza	ard Sever	ity Rating					
			FEMA Ha	zard Ratin	g System					
			\rightarrow	Н	←					

Name of Community Days I Valley	C	Data	4. 0 02
Name of Community: Round Valley	Community	Date:	
Landcover: Forestland	_	#of Structures:_	30
WUI Condition: Rural	Condition		
Overall Wildfire Hazard Rating	: Moderate Hazard	Potential Fire Hazard Severity: High Hazard	i
		surrounded by forestland fuels and steep slopes.	
Access into and out of the area is very good, with highway 95 nearby. Risks include forestland vegetation in high risk			
categories down the Little Salmon River and along adjoining hillsides. Evaluator: Schlosser			
categories down the Little Dannon Kiver and	Points	Lvaluator. Ocm	Points
A. Community Design	1 01110	C. Topography	1 011110
1. Ingress / Egress		1. Predominant Slope	
Three or more primary roads1		≤ 8%1	
Two or more primary roads2		> 8% ≤ 20%4	
One Road3		> 20% ≤ 30%7	
One-way-in, one-way-out5	5	> 30%10	10
2. Width of Primary roads		D. Roofing Material	
20 feet or more1	1	Class A Rated1	
20 feet or less3		Class B Rated3	3
0.4. 3.33		Class C Rated5	
3. Accessibility		Non-Rated Roofing material10	
Road grade 5% or less1	1		
Road grade 5% or more3		E. Fire Protection - Water Source	
Road grade 10% or more5		500 GPM Hydrant within 1,000'1	
		Hydrant farther than 1,000' or	
4. Secondary Road Terminus		draft site2	
Loop roads, cul-de-sacs with		Water Source within 20 minutes or	_
outside turning radius of 45 feet		less, round trip5	5
or greater1		Water source farther than 20	
Cul-de-sac turnaround radius		minutes, but less than 45 minutes7	
is less than 45 feet2		Water source farther than 45	
Dead-end roads 200 feet or	2	minutes round trip10	
less in length3	3	E Estation Building Construction M	
Dead-end roads greater		F. Existing Building Construction M	iateriais
than 200 feet long5		Non-combustible siding/deck1	
5 A		Non-combustible siding	_
5. Average lot size		BUT a combustable deck5	5
10 acres or larger1	3	Combustible siding and deck10	
≥ 1 acre, < 10 acres3		O LINUM -	
≤ 1 acre5		G. Utilities	
0.00		All underground utilities1	
6. Street Signs		One underground, one above ground3	
Signs with names and numbers1	1	All above ground5	5
Signs with names present2		II Fire Brotzetien Comiese	
No Street Signs5		H. Fire Protection Services	
		Good Rural Department Coverage1	
B. Vegetation		Limited Rural Department Coverage5	
Fire Prone Landscape Rating		No Rural Department Coverage10	5
1 - 10 scale 1-10	4		
2. Defensible Space		Total Score For Community	54
70% or more of site1		Total ocolor of Community	04
	3	Rating Scale Moderate Hazard	AE CE
≥ 30%, ≤ 70%3 ≤ 30% of site5		Rating Scale Moderate Hazard High Hazard	45-65 66-79
≥ JU /o UI SILE3		Extreme Hazard	80+
Source: Urban Wildland Interface Code 2000, FEMA,	version 1.0 August 200		55.